

Title (en)

Process for treating powdery materials and products so obtained

Title (de)

Verfahren zur Behandlung von pulverförmigen Materialien und die so erhaltenen Produkte

Title (fr)

Procédé de traitement de matières poudreuses et produits obtenus

Publication

EP 0692304 A1 19960117 (FR)

Application

EP 95870074 A 19950623

Priority

- BE 9400636 A 19940706
- BE 9500013 A 19950106

Abstract (en)

Microwave treatment process for powders which tend to cake. Device for carrying out this process containing one or more modules, each comprising ≥ 1 microwave chamber in which the powder is treated and ≥ 1 microwave generator or magnetron. Non-agglomerated powder produced by this process or device where $>97\%$ and preferably $>98\%$ of the powder is smaller than $140\text{ }\mu\text{m}$ diameter and/or 3% or preferably $<2\%$ is larger than $180\text{ }\mu\text{m}$. <IMAGE>

Abstract (fr)

La présente invention concerne un procédé de traitement de matières poudreuses sensibles à des phénomènes de mottage, caractérisé en ce que l'on soumet ces matières poudreuses à un traitement par micro-ondes. La présente invention concerne également le dispositif pour la mise en oeuvre du procédé. <IMAGE>

IPC 1-7

B01J 2/30

IPC 8 full level

B01J 2/30 (2006.01)

CPC (source: EP)

B01J 2/30 (2013.01)

Citation (search report)

- [A] EP 0036309 A2 19810923 - VELTMAN PRESTON LEONARD
- [A] US 4950491 A 19900821 - VARGA ELEMER [HU]
- [A] PATENT ABSTRACTS OF JAPAN vol. 8, no. 114 (C - 225) 26 May 1984 (1984-05-26)
- [A] DATABASE WPI Derwent World Patents Index; AN 77-71583y

Cited by

FR3093518A1; WO2020183101A1; CN102908986A; CN106480233A

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IE IT LI NL PT SE

DOCDB simple family (publication)

EP 0692304 A1 19960117; BE 1008736 A3 19960702

DOCDB simple family (application)

EP 95870074 A 19950623; BE 9500013 A 19950106